



US009510691B1

(12) **United States Patent**
Lee

(10) **Patent No.:** **US 9,510,691 B1**
(45) **Date of Patent:** ***Dec. 6, 2016**

(54) **METHOD AND APPARATUS FOR DOUBLE SLING CHAIR**

(71) Applicant: **Clifton Shao-ming Lee**, Hillsborough, CA (US)

(72) Inventor: **Clifton Shao-ming Lee**, Hillsborough, CA (US)

(73) Assignee: **Numark Industries Company Limited**, Hung Hom (CN)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **13/987,333**

(22) Filed: **Jul. 15, 2013**

Related U.S. Application Data

(60) Division of application No. 13/136,615, filed on Aug. 5, 2011, now Pat. No. 8,523,283, which is a continuation-in-part of application No. 13/065,731, filed on Mar. 28, 2011, now Pat. No. 8,919,884.

(51) **Int. Cl.**
A47C 31/02 (2006.01)
A47C 7/40 (2006.01)
A47C 7/24 (2006.01)

(52) **U.S. Cl.**
CPC **A47C 31/023** (2013.01); **A47C 7/24** (2013.01); **A47C 7/40** (2013.01)

(58) **Field of Classification Search**

CPC Y10T 29/49826; Y10T 29/48; Y10T 29/481
USPC 297/284.2, 440.11, 452.1, 452.18,

297/463.2, 452.63; D6/376

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,523,283 B2* 9/2013 Lee A47C 5/06
297/284.2

2011/0233984 A1* 9/2011 Lee A47C 5/06
297/440.11

* cited by examiner

Primary Examiner — Christopher Besler

(74) *Attorney, Agent, or Firm* — Daniel Hopen

(57) **ABSTRACT**

Some embodiments of the present invention provide a method and apparatus for a novel double sling chair. The double sling chair simplifies the manufacture of sling chairs affording efficient and speedy construction. The double sling chair comprises a chair frame having a back section with an upper rail and a lower cross member, a decorative cross member, and a seat section, a seat panel coupled to the seat section of the chair frame, a first fabric back panel having length is coupled to the upper rail and the decorative cross member without having to thread the first fabric back panel to the decorative cross member, a second fabric back panel having length is coupled to the lower cross member and the decorative cross member without having to thread the second fabric back panel to the decorative cross member to form a back rest for the back section.

13 Claims, 8 Drawing Sheets

